

## What are different forms of energy?

### Lesson Review

Write *true* if the statement is true. If the statement is false, change the underlined term to make the statement true.

- \_\_\_\_\_ 1. Sound energy can travel through the vacuum of empty space.
- \_\_\_\_\_ 2. The energy of flowing electrons through a current is chemical energy.
- \_\_\_\_\_ 3. Light and radio waves are examples of electromagnetic energy.
- \_\_\_\_\_ 4. Thermal energy produces the light and heat from the sun.
- \_\_\_\_\_ 5. The energy that holds the particles of matter together is called heat energy.
- \_\_\_\_\_ 6. Nuclear energy is the energy stored in the nuclei of atoms.
- \_\_\_\_\_ 7. A rock at the top of a hill has kinetic energy.
- \_\_\_\_\_ 8. The faster the particles in matter move, the less heat energy they have.
- \_\_\_\_\_ 9. The energy in moving things is potential energy.
- \_\_\_\_\_ 10. When fuels such as oil or wood are burned, mechanical energy is released.

### Skill Challenge

Decide which type of energy is described below. Write **renewable** if it is a renewable source of energy, and **nonrenewable** if it is a nonrenewable source of energy.

- \_\_\_\_\_ 1. Hydroelectric power
- \_\_\_\_\_ 2. Oil
- \_\_\_\_\_ 3. Natural gas
- \_\_\_\_\_ 4. Geothermal energy
- \_\_\_\_\_ 5. Fossil fuels
- \_\_\_\_\_ 6. Wind power
- \_\_\_\_\_ 7. Biomass
- \_\_\_\_\_ 8. Coal
- \_\_\_\_\_ 9. Solar energy
- \_\_\_\_\_ 10. Remains of plants and animals